

## USER-CONTROLLABLE SAFETY BELT RELEASE SYSTEM

### ABSTRACT

A safety belt release system includes an electronic control box, a master control button, a plurality of safety belt release buttons electrically connected to the control box, a power source, and a mechanism for releasing a safety belt. The  
5 releasing mechanism includes a plurality of safety belt latches having top and bottom portions electrically connected to the plurality of safety belt release buttons. The electronic control box receives a plurality of input signals respectively and sends a plurality of corresponding output signals to the safety belt releasing  
10 mechanism to thereby cause the ejection of a safety belt latch from a safety belt buckle independently of actuating a corresponding manual release mechanism of a safety belt.